TABLE OF CONTENTS

Glo	vi		
1.0	Intr	roduction	1
	1.1	Background	1
	1.2	Scope of Project	6
	1.3	Purpose and Need	7
	1.4	Agency Actions	8
2.0	Proj	posed Action and Alternatives	11
	2.1	No Action Alternative	11
	2.2	Proposed Action	12
	2.3	Alternative Locations	35
	2.4	Interrelationship with Other Planned Projects	37
3.0	Affe	ected Environment	39
	3.1	Land Use	39
	3.2	Air Quality	43
	3.3	Geology, Soils, and Seismicity	50
	3.4	Water Resources/Floodplains	51
	3.5	Biological Resources	52
	3.6	Cultural Resources	55
	3.7	Visual Resources	66
	3.8	Paleontological Resources	69
	3.9	Socioeconomics	71
	3.10	Water Quality	73

TABLE OF CONTENTS (cont.)

4.0	Envi	ronmental Consequences	78
	4.1	Land Use	79
	4.2	Air Quality	80
	4.3	Geology, Soils, and Seismicity	93
	4.4	Water Resources/Floodplains	93
	4.5	Biological Resources	96
	4.6	Cultural Resources	99
	4.7	Visual Resources	100
	4.8	Paleontological Resources	107
	4.9	Socioeconomics	108
	4.10	Water Quality	112
	4.11	Operational Impacts	115
	4.12	Interrelated Projects and Cumulative Impacts	119
	4.13	Summary	123
5.0	Com	ments Received and Responses	125
6.0	Agei	ncies, Persons, and Institutions Consulted	132
7.0	Refe	rences	134
FIG	URES		
2.1: 2.2: 2.3: 2.4:	Diagr Locat Locat Project Project	all System General Area Map am of the Principal Components of the Facilities Described in the EA ion of the Project in Western Imperial County ion of Project on USGS Topographic Map ct Plan, Segment A ct Plan, Segment B ct Plan, Segment C	2 4 14 15 16 17

TABLE OF CONTENTS (cont.)

FIGURES (cont.)				
2.6: Project Plan, Segment D				
2.7: Steel Lattice Towers				
2.8: Steel Monopoles				
2.9: SER Crossing Structure				
3.1.1:	Conservation Plan	2 2 2 4 4 4		
3.1.2:	Utility Corridor N	42		
3.5.1:	Biological Resources	53		
3.7.1:	Distance Zone Map	70		
4.4.1:	Project Relationship to FEMA 100-year Floodplain	9:		
4.7.1:	View from Key Observation Point 1	102		
4.7.2:	View from Key Observation Point 2	103		
4.7.3:	View from Key Observation Point 3	104		
4.7.4:	View from Key Observation Point 4.1	10:		
4.7.5:	View from Key Observation Point 4.2	100		
TABLE	SS .			
	ea of Construction Impacts	20		
3.2.1:	Ambient Air Quality Standards	4:		
3.2.2:	Air Quality Monitoring Data	48		
3.5.1:	Sensitive Wildlife Species	50		
3.5.2:	Sensitive Plant Species	6		
3.5.3:	Sensitivity Codes	64		
3.10.1	Sources of Salton Sea Inflow	7:		
4.2.1	Air Pollutant Emissions from TDM and LRPC	84		
4.2.2	Pollutant Increases from TDM	80		
4.2.3	Pollutant Increases from EBC and EAX Export Turbines	88		
4.2.4	Pollutant Increases from TDM, EBC, and EAX Export Turbines	89		
4.5.1:	Project Impacts	9′		
4.9.1:	Surrounding Income and Minority Populations	11		
4.12.1:	Cumulative Power Plant Emissions	122		

122

TABLE OF CONTENTS (cont.)

APPENDICES (bound separately)

- A: Project DescriptionB: Air Quality
- C: Biological ResourcesD: Cultural Resources
- E: North Baja Pipeline Submittal to FERC Regarding Air Quality Impacts
 F: North Baja Pipeline Submittal to FERC Regarding Natural Gas Demand
 G: Applicants' Submittals Regarding Possible Alternate Fuel Supply